CLAIMS

What is claimed is:

An apparatus that provides digital broadcast television programs to a subscriber, comprising;

a receiver module that receives program data and a local authorization code, wherein the authorization code allows the digital broadcast television programs to be decrypted for viewing;

a transmitter that sends a program selection to a remote site, wherein the program selection is made from the program data; and

a memory coupled to the receiver module, the memory storing the received authorization code until needed for decrypting the selected program, wherein when the program selection is received at the remote site, the remote site sends the local authorization code.

- 2. The apparatus of claim 1, further comprising a processor that processes the received local authorization code to decrypt the digital broadcast television programs, wherein the receiver module includes a first receiver and a second receiver.
- 3. The apparatus of claim 2, wherein the receiver module, the processor, the transmitter and the memory are contained in a set top terminal operably connected to a television, wherein the receiver module receives the digital broadcast television programs, and wherein when decrypted, the selected program is viewed on the television.
- 4. The apparatus of claim 3, wherein the television is an analog television, and wherein the set top terminal converts digital programs to analog programs for display on the analog television.
- 5. The apparatus of claim 2, wherein the first receiver, the transmitter, and the processor are contained on a smart card incorporated into a digital television.
- 6. The apparatus of claim 5, wherein the second receiver is incorporated into the digital television, wherein the second receiver receives the digital broadcast television programs, and wherein the digital television displays the selected broadcast television program.

7. The apparatus of claim 2, wherein the receiver module, the processor, the transmitter, and the memory are contained on a smart card incorporated into a digital television, and wherein the digital television comprises a third receiver that receives the digital broadcast television programs.

- 8. The apparatus of claim 7, wherein the digital television further comprises a demultiplexer that demultiplexes the received digital broadcast television programs.
- 9. The apparatus of claim 2, wherein the first receiver, the processor and the transmitter are incorporated in a personal computer, and wherein the program data are displayed on a display of the personal computer.
 - 10. The apparatus of claim 9, wherein the second receiver and the memory are incorporated into a digital television, wherein the second receiver receives the digital television programs and the local authorization code, the digital television comprising a processor that processes the received local authorization code to decrypt the digital broadcast television programs.
 - 11. The apparatus of claim 9, wherein the personal computer comprises a connector that couples the personal computer to a digital television, the second receiver and the memory are incorporated into the digital television, the second receiver receives the digital broadcast television programs, and wherein the first receiver receives the local authorization code and the personal computer sends the local authorization code to the digital television, the digital television comprising a processor that processes the received local authorization code to decrypt the digital broadcast television programs.
- The apparatus of claim 11, wherein the connector is one of a radio frequency connector, an infra red connector and a wired connector.
- 24 13. The apparatus of claim 12, wherein the wired connector comprises RS-232 connections and an RS-232 cable.
 - 14. The apparatus of claim 1, wherein the transmitter comprises one of a telephone modem, a cable modem, a wireless modem, an asymmetric digital subscriber line connector, an integrated services digital network connector, T1 and T3 lines, a fiber optic connector, a local area net connector and a satellite antenna connector.

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1	15.	The apparatus of claim	1, further comp	orising a broadcas	t interface that
2	receives the	digital broadcast telev	ision programs,	wherein the broa	dcast interface
3	comprises o	ne of a radio frequency	connector, a tele	phone modem, a c	able modem, a
4	wireless mo	dem, an asymmetric dig	tal subscriber lin	e connector, an in	tegrated digital
5	services netv	vork connector, T1 and T	β lines, a fiber op	otic connector, and	a local area net
6	connector ar	nd a satellite antenna cor	nector.		

- 16. The apparatus of claim 1, further comprising a demultiplexer, wherein the digital broadcast television programs are multiplexed with the local authorization code, and wherein the demultiplexer demultiplexes the local authorization code and the digital broadcast television programs.
- 17. The apparatus of claim 1 wherein the program data is program guide data, 12 further comprising a remote control, wherein the remote control sends commands to 13 scroll the program guide data and to select a desired program for viewing.
- 14 18. The apparatus of claim 17, wherein the remote control is one of a wired control, an infra red control, a radio frequency control, and a laser control.
- 16 19. The apparatus of claim 1, wherein the digital broadcast television programs are provided over a cable television network.
- The apparatus of claim 1, wherein the digital broadcast television programs are provided via over-the-air broadcast.
- 20 21. The apparatus of claim 20, wherein the over-the-air broadcast is provided from a national broadcaster.
- 22 22. The apparatus of claim 20, wherein the over-the-air broadcast is provided from a broadcast affiliate.
- 24 23. The apparatus of claim 1, wherein the digital broadcast television programs are provided via satellite broadcast.
- 24. The apparatus of claim 1, wherein the remote site includes one of a local cable system, a broadcast affiliate and a national broadcaster.

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1	25.	The apparatus of claim 24, wherein the transmitter sends the program
2	selection	to a local cable system, the local cable system returning the local authorization
3	code.	
4	26.	The apparatus of claim 25, wherein the local authorization code is
5	multiplex	ed with the digital broadcast television programs.
6	27.	The apparatus of claim 24, wherein the transmitter sends the program
7	selection t	to a broadcast affiliate, the broadcast affiliate returning the local authorization
8	code.	
9	28.	The apparatus of claim 27, wherein the local authorization code is
10	multiplex	ed with the digital broadcast television programs.
11	29.	The apparatus of claim 24, wherein the transmitter sends the program
12	selection	to a national broadcaster the national broadcaster returning the local
13	authorizat	ion code.
14	30.	The apparatus of claim 29, wherein the local authorization code is
15	multiplex	ed with the digital broadcast television programs.
16	31.	The apparatus of claim 24, wherein the remote site comprises an order and
17	authorizat	ion system, the order and authorization system receiving the program selection
18	and gener	rating an authorization signal, the authorization signal providing the local
19	authorizat	ion code.
20	32.	The apparatus of claim \$1, wherein the order and authorization system is
21	colocated	with one of the local cable company, the broadcast affiliate and the national
22	broadcast	er.
23	33.	The apparatus of claim 31, wherein the order and authorization system
24	includes	a billing system, the billing system receiving the authorization request and
25	generating	g a billing record.
26	34.	The apparatus of claim 33, wherein the billing record debits a subscriber's
27	account.	
28	35.	The apparatus of claim 33, wherein the billing system send the billing record

to a subscriber for payment.

	Docket 5217/PTO Filings/S	pec.wpd ,
1	36.	The apparatus of claim 33, wherein the billing system charges a subscriber's
2	credit card a	account.
3	37.	The apparatus of claim 1, wherein the remote site comprises a web page of
4	an Internet	, wherein the web page includes the program data and generates an
5	authorizatio	on request.
6	38.	The apparatus of claim 37, wherein the remote site further comprises an
7	order and a	uthorization system coupled to the web page, the order and authorization
8	system rece	eiving the authorization request and generating an authorization signal, the
9	authorizatio	on signal providing the local authorization code.
10	39.	The apparatus of claim 38, wherein the order and authorization system
11	includes a l	billing system, the billing system receiving the authorization request and
12	generating a	a billing record.
13	40.	The apparatus of claim 1, wherein the local authorization code, comprises:
14		an identification code; and
15		an address; and
16		one or more program identifiers, wherein the identification code uniquely
17	identifies the	e apparatus receiving program access authorization, the address identifies the
18	geographica	al location of the apparatus and routing instructions, and the one or more
19	program ide	entifiers specify the digital broadcast television programs that are authorized
20	for viewing	•
21	41.	The apparatus of claim 1, wherein the program selection comprises an event,
22	the apparatu	us receiving authorization for a single display of the event.
23	42.	The apparatus of claim 1, wherein the program selection comprises an event,
24	the apparatu	as receiving authorization for multiple displays of the event.
25	43.	The apparatus of claim 1, wherein the program selection comprises a
26	subscription	1.
27	44.	The apparatus of claim 43, wherein the subscription is for a speciality
28	channel.	

1	45.	The apparatus of claim 44, wherein the speciality channel is a first-run
2	movie chan	nel.
3	46.	The apparatus of claim 44, wherein the speciality channel is a high
4	definition to	elevision channel.
5	47.	The apparatus of claim 43, wherein the subscription is for a speciality
6	program.	
7	48.	The apparatus of claim 47, wherein the speciality program is a series of
8	sporting eve	ents.
9	49.	The apparatus of claim 1, wherein the program data comprises a menu of
10	available pr	ograms.
11	50.	The apparatus of claim 49, wherein the menu is a barker channel, the barker
12	channel dis	playing programs and date/time of broadcast.
13	51.	The apparatus of claim 49, wherein the menu is a list of available programs.
14	52.	The apparatus of claim 49, wherein the menu includes program rating, year
15	of production	on, and program biographical data.
16	53.	The apparatus of claim 52, wherein the biographical data includes a list of
17·	actors and a	program summary.
18	54.	The apparatus of claim 49, wherein the menu includes a hypertext link to
19	a web site c	on an Internet.
20	55.	The apparatus of claim 49, wherein the menu is displayed in a picture-in-
21	picture form	nat with a display of the program selection.
22	56.	The apparatus of claim 49, wherein the menu includes submenus.
23	57.	The apparatus of claim 56, wherein the submenus include a program
24	selection co	onfirmation submenu and a program description submenu.
25	58.	The apparatus of claim 49, wherein the menu includes overlay menus and
26	hidden men	us.
27	59.	The apparatus of claim 1 wherein the menu is displayed on a web page of
28	an Internet,	the web page including a home page and additional pages, the home page
29	and the add	itional pages accessible by operation of forward, back and home buttons.

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program.

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1	60.	The apparatus of claim 1, wherein the program selection includes a time out
2	feature, the	time out feature sending a cancel program order that deauthorizes display of
3	the program	n selection and prevents a charge for the selected program.
4	61.	The apparatus of claim 60, wherein the time out feature is in effect prior to
5	the display	of the program selection, and for five minutes thereafter.
6	62.	The apparatus of claim 1, wherein the program data is provided in a hard-
7	copy forma	at, the hard copy format including event codes and program identifiers.
8	63.	The apparatus of claim 62, wherein the event codes and program identifiers
9	are entered	into the apparatus to send the program selection.
10	64.	The apparatus of claim 63, wherein the event codes and program identifiers
11	are entered	into the apparatus by operation of a remote control coupled to the apparatus.
12	65.	The apparatus of claim 63, wherein the event codes and program identifiers
13	are entered	into the apparatus by operation of a soft key board displayed on a television
14	display, the	e television display coupled to the apparatus.
15	66.	The apparatus of claim 63, wherein the event codes and program identifiers
16	are entered	l into the apparatus by operation of a key board coupled to a personal
17	computer.	
18	67.	An apparatus that provides digital broadcast television program ordering,
19	comprising	;:
20		an order and authorization system that receives a program order for a
21	terminal in	a television distribution network and generates an authorization order that
22	authorizes	access to a program; and
23		a broadcaster coupled to the order and authorization system that sends the
24	program to	the terminal, wherein the program is multiplexed with other digital broadcast
25	television	programs, wherein the broadcaster receives the authorization signal, the

authorization signal providing a local authorization code addressed to the terminal, the

local authorization code allowing the terminal to demultiplex, decrypt and display the

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	Docket 5217/PTO Filings/S	pec.wpd
1	68.	The apparatus of claim 67, wherein the local authorization signal is
2	multiplexed	with the digital broadcast elevision programs, and wherein the terminal
3	demultiplex	es the local authorization code to access the program.
4	69.	The apparatus of claim 67, wherein the local authorization code is
5	transmitted	by the order and authorization system to the terminal.
6	70.	The apparatus of claim 67, wherein the program is listed in a program guide.
7	71.	The apparatus of claim 70, wherein the program guide is an electronic
8	program gui	ide.
9	72.	The apparatus of claim 71, wherein the electronic program guide is provided
10	on a web pa	ge on an Internet, and wherein the terminal accesses the web page to receive
1	the electron	ic program guide.
12	73.	The apparatus of claim 71, wherein the electronic program guide is
13	broadcast to	the terminal by the broadcaster.
14	74.	The apparatus of claim 71, wherein the electronic program guide is in a
15	format of a	barker channel showing program selections and time/date of broadcast.
16	75.	The apparatus of claim 71, wherein the electronic program guide is a list of
17	available pr	ograms, the list capable of being scrolled to show all available programs.
18	76.	The apparatus of claim 67, wherein the program is one of a single event, a
19	multiple eve	ent and a subscription.
20	77.	The apparatus of claim 76, wherein the local authorization code provides
21	access to the	e single event on multiple occasions.
22	78.	The apparatus of claim 76, wherein the subscription includes a speciality
23	channel sub	scription and a speciality program subscription.
24	79.	The apparatus of claim 78, wherein the speciality channel subscription
25	includes monthly and annual subscriptions.	
26	80.	The apparatus of claim 78, wherein the speciality channel subscription is a

The apparatus of claim 78, wherein the speciality program subscription is

first-run movie channel subscription.

a sporting event subscription.

	Docket 5217/PTO Filings/Sp	oec.wpd
1	82.	The apparatus of claim 7%, wherein the sporting event subscription includes
2	a full season	subscription and a partial season subscription.
3	83.	The apparatus of claim 8, wherein the sporting event subscription includes
4	a favorite te	am subscription.
5	84.	The apparatus of claim 67, further comprising a billing system coupled to
6	the order and	d authorization system, the billing system receiving the program order and
7	generating a	billing record.
8	85.	The apparatus of claim 84, wherein the billing record is used to debit a cash
9	card include	d in the terminal, the billing system sending a debit signal corresponding to
10	the billing re	ecord to the terminal.
11	86.	The apparatus of claim 67, wherein the order and authorization system
12	includes a t	ime out feature that allows cancellation of the program order without
13	incurring a c	harge, the time out feature effective for a time prior to a start of the program
14	and for a tim	ne after the start of the program.
15	87.	The apparatus of claim 86, wherein the time after start of the program is five
16	minutes.	
17	88.	The apparatus of claim 67, wherein the broadcaster is a national broadcaster.
18	89.	The apparatus of claim 67, wherein the broadcaster is a broadcast affiliate.
19	90.	The apparatus of claim 67, wherein the broadcaster is a local cable
20	company.	
21	91.	The apparatus of claim 67, wherein the broadcaster is a digital satellite
22	broadcaster.	
23	92.	The apparatus of claim 67, wherein the digital broadcast television programs
24	are provided	l over-the-air.
25	93.	The apparatus of claim 67, wherein the digital broadcast television programs
26	are provided	l over a cable television system.
27	94.	The apparatus of claim 67, wherein the digital broadcast television programs
28	are provided	l over a satellite system.

	Docket 521//PTO Filings/Sp	ec.wpa
1	95.	The apparatus of claim 67, wherein the order and authorization system and
2	the broadcas	ster are colocated.
3	96.	The apparatus of claim 67, wherein the order and authorization system and
4	the broadcas	ster are colocated with a billing system.
5	97.	The apparatus of claim 67, wherein the local authorization code includes a
6	terminal add	lress, a routing indicator, and a terminal identifier.
7	98.	The apparatus of claim 97, wherein the local authorization code further
8	includes an e	event identifier and a program identifier, the event identifier indicating a time
9	and date of l	proadcast, the program identifier uniquely identifying the program.
18,19	7 9 0.	A method for providing broadcast television digital programming,
11	comprising:	*
12/	\	generating program data related to the digital programming;
13		providing the program data;
14		displaying the program data as a program menu;
15	\	receiving a program order, the program order designating one or more
16	programs fo	viewing;
17		sending a program authorization; and
18		broadcasting the digital programming, wherein the program authorization
19	provides acc	ess to the one or more programs designated by the program order.
20	100.	The method of claim 99 wherein the digital programming and the
21	programmin	g data are broadcast over-the-air.
22	101.	The method of claim 99, wherein the digital programming and the program
23	data are broa	adcast over a cable television system.
24	102.	The method of claim 99, wherein the digital programming is broadcast over-
25	the-air and t	he program data is provided on an Internet web site.
26	103.	The method of claim 99, wherein the digital programming is broadcast over
27	a cable telev	ision system and the program data is provided on an Internet web page.
28	104.	The method of claim 99, wherein the program order is received at a remote
20	location	

	Docket 5217/PTO Filings/Sp	pec. wpd
1	105.	The method of claim 104, wherein the remote location is an order and
2	authorizatio	n system.
3	106.	The method of claim 104, wherein the remote location is an Internet web
4	page.	
5	107.	The method of claim 104, wherein the remote location is a digital program
6	broadcaster.	
7	108.	The method of claim 107, wherein the digital program broadcaster is one
8	of a nation	al broadcaster, a broadcast affiliate, a satellite broadcaster and a cable
9	broadcaster.	
10	109.	The method of claim 108, wherein the digital program broadcaster is co-
11	located with	an order and authorization system.
12	110.	The method of claim 99, wherein the program data is provided to a terminal
13	in a digital b	proadcast television environment.
14	111.	The method of claim 99, further comprising sending the program
15	authorizatio	n from a remote location to a digital programming broadcaster.
16	112.	The method of claim 111, wherein the remote location is an Internet web
17	page.	
18	113.	The method of claim 99, wherein the program authorization includes a local
19	authorization	n code addressed to a terminal in a digital broadcast television environment,
20	and wherein	the sending step comprises multiplexing the program authorization with the
21	digital progr	ramming.
22	114.	The method of claim 99, wherein the program authorization includes a local
23	authorization	n code addressed to a terminal in a digital broadcast television environment,
24	and wherein	n the sending step comprises sending the local authorization code to a
25	terminal in	a digital broadcast television environment.
26	115.	The method of claim 99, further comprising:
27		waiting for a time out period to determine if a cancel order signal has been
28	received, an	d if the cancel order signal is not received in the time out period:
29		sending the program order to a hilling system, and

1		preparing a billing r	ecord.
2	116.	The method of claim 99, fur	ther comprising:
3		waiting for a time out period	to determine if a cancel order signal has been
4	received, an	d if the cancel order signal is	received in the time out period:
5		generating a deautho	orization signal; and
6		transmitting the deau	thorization signal, wherein the deauthorization
7	signal remo	ves access to a previously aut	horized program.
8	117.	The method of claim 99, who	erein the one or more programs include one of
9	a single eve	nt, a multiple event and a sub	scription.
10	118.	The method of claim 117, w	wherein the local authorization code provides
11	access to the	e single event on multiple occ	easions.
12	119.	The method of claim 117, w	wherein the subscription includes a speciality
13	channel sub	scription and a speciality prog	gram subscription.
14	120.	The method of claim 119,	wherein the speciality channel subscription
15	includes mo	onthly and annual subscription	ns.
16	121.	The method of claim 119, wh	herein the speciality channel subscription is a
17	first-run mo	vie channel subscription.	
18	122.	The method of claim 119, wh	nerein the speciality program subscription is a
19	sporting eve	ent subscription.	,
20	123.	The method of claim 119, wh	nerein the sporting event subscription includes
21	a full seasor	n subscription and a partial sea	ason subscription.
22	124.	The method of claim 123, wh	nerein the sporting event subscription includes
23	a favorite te	am subscription.	
24	125.	The method of claim 99,	wherein the order and authorization system
25	includes a bi	illing system, the billing syster	m receiving the program order and generating
26	a billing rec	ord.	
27	126.	The method of claim 125,	further comprising sending a debit signal
28	correspondi	ng to the billing record to a te	minal, the debit signal debiting a cash card in
29	the terminal		

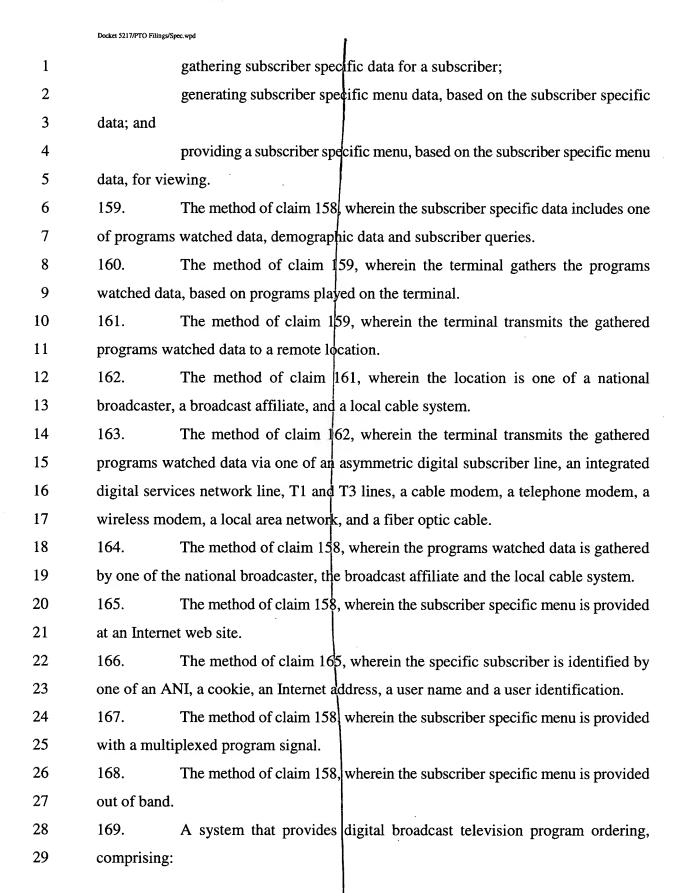
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1	127.	A method for providing digital broadcast programming to a terminal in a
2	televisio	on network, comprising:
3		receiving a program order from the terminal;
4		generating an authorization signal;
5		sending the authorization signal to the terminal;
6		broadcasting the program, wherein the program is multiplexed with other
7	digital p	rograms and wherein the authorization signal received by the terminal provides
8	a code th	nat the terminal uses to decrypt the program.
9	128.	The method of claim 127, wherein the authorization signal is multiplexed
10	with the	other digital programs, the terminal demultiplexing the authorization signal and
11	the digit	al programs.
12	129.	The method of claim 127, wherein a remote site transmits the authorization
13	signal ar	nd a broadcaster broadcasts the multiplexed digital programs.
14	130.	The method of claim 129, wherein the remote site is an order and
15	authoriz	ation system.
16	131.	The method of claim 130, wherein the order and authorization system is
17	colocate	d with the broadcaster.
18	132.	The method of claim 131, wherein the remote site is an Internet web site.
19	133.	The method of claim 129, wherein the broadcaster is one of a national
20	broadcas	ster, a broadcast affiliate, a satellite broadcaster and a cable broadcaster.
21	134.	The method of claim 127, wherein the multiplexed digital programs are
22	broadcas	st over-the-air.
23	135.	The method of claim 127, wherein the multiplexed digital programs are
24	broadcas	st over a cable television cable.
25	136.	The method of claim 127, wherein the multiplexed digital programs are
26	broadcas	st over a satellite system.
27	137.	The method of claim 127, further comprising:
28		generating a program guide; and

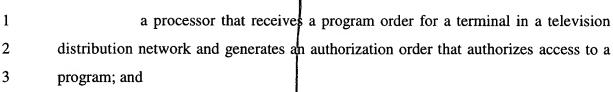
Docket 5217/PTO Filings/Spec.wpd

network controller.

1		transmitting the program guide, wherein program selections are made based
2	on the prog	gram guide.
3	138.	The method of claim 137, wherein the program guide is broadcast to the
4	terminal.	
5	139.	The method of claim 137, wherein the program guide is provided at an
6	Internet we	eb site.
7	140.	The method of claim 127, wherein the digital programs include high
8	definition t	elevision programs and standard definition television programs.
9	141.	The method of claim 127, further comprising:
10		generating a billing record corresponding to the program order; and
11		charging an account of a subscriber who initiated the program order.
12	142.	A method for providing digital broadcast programming to a first terminal
13	in a televis	ion network, comprising:
14		receiving a program order from a second terminal;
15		generating an authorization code;
16		sending the authorization code to the first terminal;
17		broadcasting the program, wherein the program is multiplexed with other
18	digital pro	grams and wherein the authorization code received by the first terminal
19	provides a	code that the first terminal uses to decrypt the program.
20	143.	The method of claim 142, wherein the authorization code is multiplexed
21	with the otl	her digital programs, the first terminal demultiplexing the authorization signal
22	and the dig	rital programs.
23	144.	The method of claim 142, wherein a remote site transmits the authorization
24	code and a	broadcaster broadcasts the multiplexed digital programs.
25	145.	The method of claim 144, wherein the remote site is an order and
26	authorization system.	
27	146.	The method of claim 145, wherein the order and authorization system is a

	Docket 5217/PTO Filings/Spec.wpd	
1	147.	The method of claim 145, wherein the order and authorization system is
2	collocated with the broadcaster.	
3	148.	The method of claim 145, wherein the remote site is an Internet web site.
4	149.	The method of claim 144, wherein the broadcaster is one of a national
5	broadcaster	, a broadcast affiliate, a satellite broadcaster and a cable broadcaster.
6	150.	The method of claim 144 wherein the remote site gathers programs watched
7	information	
8	151.	A method for providing multiple digital broadcast programs to a terminal
9	in a televisi	on network, comprising:
10		receiving a program order, wherein the program order requests access to
11	more than one program being broadcast simultaneously;	
12		generating an authorization signal;
13		sending the authorization signal to the terminal;
14		broadcasting the programs, wherein the programs are multiplexed with other
15	digital progr	rams and wherein the authorization signal received by the terminal provides
16	a code that t	the terminal uses to decrypt the more than one programs.
17	152.	The method of claim 151, wherein the authorization signal is multiplexed
18	with the other digital programs, the terminal demultiplexing the authorization signal and	
19	the more tha	an one programs authorized for viewing by the authorization code.
20	153.	The method of claim 151, wherein a remote site transmits the authorization
21	signal and a broadcaster broadcasts the multiplexed digital programs.	
22	154.	The method of claim 153, wherein the remote site is an order and
23	authorizatio	on system.
24	155.	The method of claim 154, wherein the order and authorization system is
25	collocated v	vith the broadcaster.
26	156.	The method of claim 155, wherein the remote site is an Internet web site.
27	157.	The method of claim 153, wherein the broadcaster is one of a national
28	broadcaster, a broadcast affiliate, a satellite broadcaster and a cable broadcaster.	
29	158.	The method of claim 157, further comprising:





Docket 5217/PTO Filings/Spec.wpd

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- a broadcaster coupled to the processor that receives the authorization signal and sends the program to the terminal, wherein the program is multiplexed with other digital broadcast television programs, and wherein the authorization signal provides a local authorization code addressed to the terminal, the local authorization code allowing the terminal to demultiplex, decrypt and display the program.
- 170. The system of claim 169, wherein the local authorization code is multiplexed with the digital broadcast television programs, and wherein the terminal demultiplexes the local authorization code to access the program.
- 171. The system of claim 169, wherein the local authorization code is transmitted by the processor to the terminal.
- 14 172. The system of claim 169, wherein the program is listed in a program guide.
- 15 173. The system of claim 172, wherein the program guide is an electronic program guide.
- 174. The system of claim 173, wherein the electronic program guide is provided on a web page on an Internet, and wherein the terminal accesses the web page to receive the electronic program guide.
- 20 175. The system of claim 173, wherein the electronic program guide is broadcast to the terminal by the broadcaster.
- 22 176. The system of claim 173, wherein the electronic program guide is in a format of a barker channel showing program selections and time/date of broadcast.
- 24 177. The system of claim 173, wherein the electronic program guide is a list of available programs, the list capable of being scrolled to show available programs.
- 26 178. The system of claim 169, wherein the program is listed in a menu.
- 27 179. The system of claim 169, wherein the processor gathers subscriber specific data for a subscriber, generates subscriber specific menu data, based on the subscriber

- specific data and provides a subscriber specific menu, based on the subscriber specific
- 2 menu data, for viewing.
- 3 180. The system of claim 179, wherein the subscriber specific data includes one
- 4 of programs watched data, demographic data and subscriber queries.
- 5 181. The system of claim 180, wherein the programs watched data is based on
- 6 programs played on the terminal.
- 7 182. The system of claim 180, wherein the programs watched data is based on
- 8 program orders received at the processor.
- 9 183. The system of claim 179, wherein the subscriber specific menu is provided
- 10 at an Internet web site.
- 11 184. The system of claim 183, wherein the specific subscriber is identified by one
- of an ANI, a cookie, a user identification, a user name, and an Internet address.
- 13 185. The system of claim 179, wherein the subscriber specific menu is provided
- with a multiplexed program signal.
- 15 186. The system of claim 179, wherein the subscriber specific menu is provided
- out of band.
- 17 187. The system of claim 169, wherein the terminal gathers subscriber specific
- data for a subscriber.
- 19 188. The system of claim 187, wherein the subscriber specific data includes one
- of programs watched data and subscriber queries.
- 21 189. The system of claim 188, wherein the subscriber specific data is provided
- to a remote location.
- 23 190. The system of claim 189, wherein the remote location includes the
- 24 processor.
- 25 191. The system of claim 190! wherein the remote location is one of a national
- broadcaster, a broadcast affiliate, and a local cable system.
- 27 192. The system of claim 190, wherein the processor generates subscriber
- specific menu data, based on the subscriber specific data, and provides a subscriber
- specific menu, based on the subscriber specific menu data, for viewing.

